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Substitute for form 1448/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

### Complete if Known

Application Number	10/551,869
Filing Date	October 31, 2006
First Named Inventor	Ask Püschl
Art Unit	1625
Examiner Name	Taofiq A. Solola
Attorney Docket Number	433-US-PCT

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document: Country Code* Number* Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>o</sup>
40	A	WO 2004/087155 A1	10-14-2004	H. Lundbeck A/S		
1	B	WO 2004/087156 A1	10-14-2004	H. Lundbeck A/S		

Examiner Signature	T. A. Solopka	Date Considered	1-25-08
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Sheet 1

of 3

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Y/O	A	US- 4,066,654	01-03-1978	Adelstein, G.W., et al.	
	B	US- 4,198,419	04-15-1980	Ong, H.H. and Proffitt, J.A.	
	C	US- 6,677,378 B2	01-13-2004	Howard, H.R., Jr., et al.	
	D	US- 7,138,407 B2	11-21-2006	Ruhland, T., et al.	
	E	US- 7,144,884 B2	12-05-2006	Ruhland, T., et al.	
	F	US- 7,148,238 B2	12-12-2006	Ruhland, T., et al.	
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Y/O	G	WO 99/17777 A1	04-15-1999	Merck & Co., Inc.	
	H	WO 00/50380 A1	08-31-2000	Pfizer Products Inc.	
	I	WO 04/85385 A2	10-07-2004	Schering Corporation	
	J	WO 05/00309 A2	01-06-2005	tonix Pharmaceuticals Limited	

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NON PATENT LITERATURE DOCUMENTS			
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40	K	Buckle, D.R. and Rockell, C.J.M., "A Versatile Two-Stage Synthesis of 2-Substituted Benzo [b]furans from (2-Methoxyphenyl)ethynes". J. Chem. Soc. Perkin Trans. I, 1985: 2443-2446.	
	L	Clayden, J., "Regioselective Synthesis of Organolithiums by X-Li Exchange." In Organolithiums: Selectivity for Synthesis. Tetrahedron Organic Chemistry Series. 2002, New York, Pergamon. 23: 111-147.	
	M	Dabrowski, M., et al. "Halogen-lithium exchange between substituted dihalobenzenes and butyllithium: application to the regioselective synthesis of functionalized bromobenzaldehydes." Tetrahedron. 2005. 61:6590-6595.	
	N	Hurd, C.D. and Hoffman, W.A. "Directed Ring Closure in the Synthesis of Chromans and Coumarans from ortho-Allylphenols". J. Am. Chem. Soc. 1940. 5:212-222.	
	O	Klint, T. and Weikop, P. "Monoamine transporters as continuing targets for drug discovery in depression". Drug Discovery Today: Therapeutic Strategies. 2004. 1(1):111-116.	
	P	Kunz, K., et al. "Renaissance of Ullmann and Goldberg Reactions - Progress in Copper Catalyzed C-N-, C-O- and C-S-Coupling". Synlett. 2003. 15:2428-2439.	
	Q	March, J. Advanced Organic Chemistry: Reaction Mechanisms, and Structure. 3rd ed. 1985. New York, John Wiley & Sons. Pages 342-343; 589-590; 684-685.	
	R	Millan, M.J. "The neurobiology and control of anxious states". Progress in Neurobiology. 2003. 70:83-244.	
	S	Parham, W.E. and Jones, L.D. "Elaboration of Bromoarylnitriles". J. Org. Chem. 1976. 41(7):1187-1191.	
	T	Sakamuri, S., et al. "Pharmacophore-Based Discovery, Synthesis, and Biological Evaluation of 4-Phenyl-1-arylalkyl Piperidines as Dopamine Transporter Inhibitors". Bioorg. Med. Chem. Lett. 2001. 11:495-500.	

Examiner Signature	T.A. Solola	Date Considered	1-25-08
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YO	U	Sato, T., et al. "Selective inhibition of monoamine neurotransmitter transporters by synthetic local anesthetics". Naunyn-Schmiedeberg's Arch Pharmacol. 2000. 361:214-220.	
	V	Siemsen, P., et al. "Acetylenic Coupling: A Powerful Tool in Molecular Construction". Angew. Chem. Int. Ed. 2000. 39:2632-2657.	
	W	Silverman, R.B. The Organic Chemistry of Drug Design and Drug Action. 1992. San Diego. Academic Press. P.19.	
	X	Tamiz, A.P., et al. "Further SAR Studies of Piperidine-Based Analogues of Cocaine. 2. Potent Dopamine and Serotonin Reuptake Inhibitors". J. Med. Chem. 2000. 43(6):1215-1222.	
V	Y	Wang, S., et al. "Discovery of a Novel Dopamine Transporter Inhibitor, 4-Hydroxy-1-methyl-4-(4-methylphenyl)-3-piperidyl 4-Methylphenyl Ketone, as a Potential Cocaine Antagonist through 3D-Database Pharmacophore Searching, Molecular Modeling, Structure - Activity Relationships, and Behavioral Pharmacological Studies". J. Med. Chem. 2000. 43(3): 351-360.	

Examiner Signature	T. A. Solola	Date Considered	1-25-08
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PTO/SB/08A (07-06)

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		Number-Kind Code <sup>2</sup> (if known)			
YD		US- 3,803,143	04-09-1974	Tanaka, S., et al.	
		US- 4,018,830	04-19-1977	Christy, M., et al.	
		US- 4,055,665	10-25-1977	Christy, M., et al.	
		US- 4,056,632	11-01-1977	Mehta, N., et al.	
		US- 4,198,417	04-15-1980	Ong, H., et al.	
		US- 4,241,071	12-23-1980	Martin, L., et al.	
		US- 5,095,039	03-10-1992	Mehta, N., et al.	
		US- 6,410,736 B1	06-25-2002	Howard, H., et al.	
		US- 6,436,938 B1	08-20-2002	Howard, H., et al.	
		US- 6,596,741 B2	07-22-2003	Howard, H., et al.	
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YD		WO 93/12080	06-24-1993	The Wellcome Foundation Limited		
		WO 97/17325	05-15-1997	Farmak A.S.		
		WO 97/17352 A1	05-15-1997	Gist-Brocades B.V.		
		WO 98/08817	03-05-1998	American Home Products Corp.		
		WO 00/66537	11-09-2000	Kung, Hank, F.		
		WO 00/59878	10-12-2000	Icos Corp.		

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## U. S. PATENT DOCUMENTS

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10 ↓ ↓		WO 01/10842 A2	02-15-2001	Millennium Pharm., Inc.		
		WO 01/27068 A1	04-19-2001	Pfizer Products Inc.		
		WO 02/062766 A2	08-15-2002	Millennium Pharm., Inc.		
		WO 02/098857 A1	12-12-2002	F. Hoffman-La Roche AG		
		WO 03/055873 A1	07-10-2003	H. Lundbeck A/S		
		EP 0 273 199 A2	07-06-1988	Laboratoires Hoechst SA		

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YD		EP 0 396 827 A1	11-14-1990	SPOFA Spojene Podniky Pro		
		EP 0 402 097 A1	12-12-1990	The Wellcome Foundation Limited		
		EP 0 755 923 A1	01-29-1997	Suntory Limited		
		EP 0 814 084 A1	12-29-1997	Eli Lilly and Co.		
		EP 0 921 124 A1	09-06-1999	Pfizer Limited		

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Y0		Axford, L., et al. "Bicyclo[2.2.1]heptanes as Novel Triple Re-uptake inhibitors for the Treatment of Depression", Bioorganic & Medicinal Chemistry Letters, 2003, pages 3277-3280, vol. 13.	
		Edmond, P., et al. "Substituted Diphenyl Sulfides as Selective Serotonin Transporter Ligands: Synthesis and In Vitro Evaluation", J. Med. Chem., 2002, pages 1253-1258, vol. 45.	
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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/551,869		
		Filing Date	September 30, 2005		
		First Named Inventor	Ask Püschl		
		Art Unit	1625		
		Examiner Name	Not Yet Known		
Sheet	2	of	2	Attorney Docket Number	433-US-PCT

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
70		Sindelar, K., et al. "Potential Antidepressants and Inhibitors of 5-Hydroxy-Tryptamine and Noradrenaline Re-Uptake in the Brain: N,N-Dimethyl-(Arylthio)Thenylamines and N,N-Dimethyl-2-(Thienylthio) Benzylamines", Collect. Czech. Chem. Commun., 1991, pages 449-458, vol. 56.	

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**INFORMATION DISCLOSURE  
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Sheet 1 of 1

**Complete if Known**

Application Number	10/551,869
Filing Date	September 30, 2005
First Named Inventor	Ask Puschl
Art Unit	Not Yet Known
Examiner Name	Not Yet Known
Attorney Docket Number	433-US-PCT

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
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**FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>3</sup> Number * Kind Code <sup>4</sup> (if known)				
Y/D		WO 03/029232 A1	04/10/2003	H. Lundbeck A/S		
↓		WO 01/49678 A1	07/12/2001	H. Lundbeck A/S		

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